

Laser Ranging Ground System

- **Progress**

- **NGSLR successfully tracked ETALON (at 20,000 km altitude) as well as several LEO satellites with the LRO laser Friday night 1/4/2008. Used radar with an observer. Two aircraft events were observed simultaneously by observer and radar. Several more were observed by radar only. Would still like at least one more night of testing with an observer to verify radar performance.**
- **Algorithm to combine LR tracking schedule with S-band schedule has been developed and preliminary software package written.**
- **Visually tracked using the test LRO predictions from FDF. This was an initial test just to show that we could use the predictions. The telescope did track the moon. More detailed testing will follow.**

- **Issues & Risks**

- **None.**